

ABSTRACT OF THE DISCLOSURE

Described herein are systems and methods for distributing video over a computer network. The video is generated as a set of components including a model for a virtual set in which action occurs, a video of the action compressed to eliminate some or all non-useful portions of the video, and positional data used to position the action within the virtual set and orient the viewpoint of the set. These components are transmitted as separate data items from a server to a client, with the virtual set being preferably transmitted in advance of a specific video. The client reproduces the entire video by rendering the compressed video within the virtual set using the positional data.

10